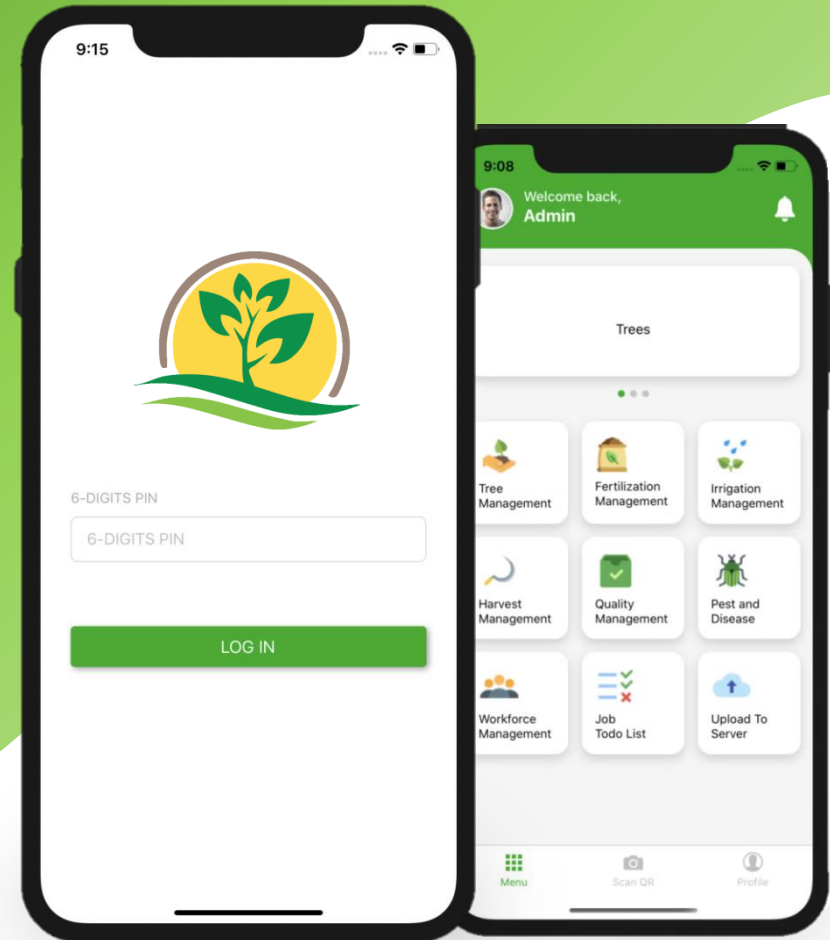


Planture

By Axflix Technologies

Smart Plantation with Planture Solution

Our innovative solution that delivers a more productive and sustainable agricultural production, based on a more precise and resource-efficient approach.



Problem VS Solution



Problem

The main issue for plantation owners is the slow-moving flow of information due to their remote locations. As their plantations grew, it became harder to manage due to the remoteness of the location and they did not have the information they needed at their fingertips. This can affect decision making and reduce efficiency.



Solution

Our developer saw that there was still an information gap between field operations and monitoring, and that is how we have come up with Planture solution, a digital plantation mobile app that automate plantation process which enables them to have a better management of information and allow planters to streamline their plantation work processes.

Case Study



Problem

Plantation industry heavily rely on manual recording which is time-consuming and management do not have the informations at their fingertip.



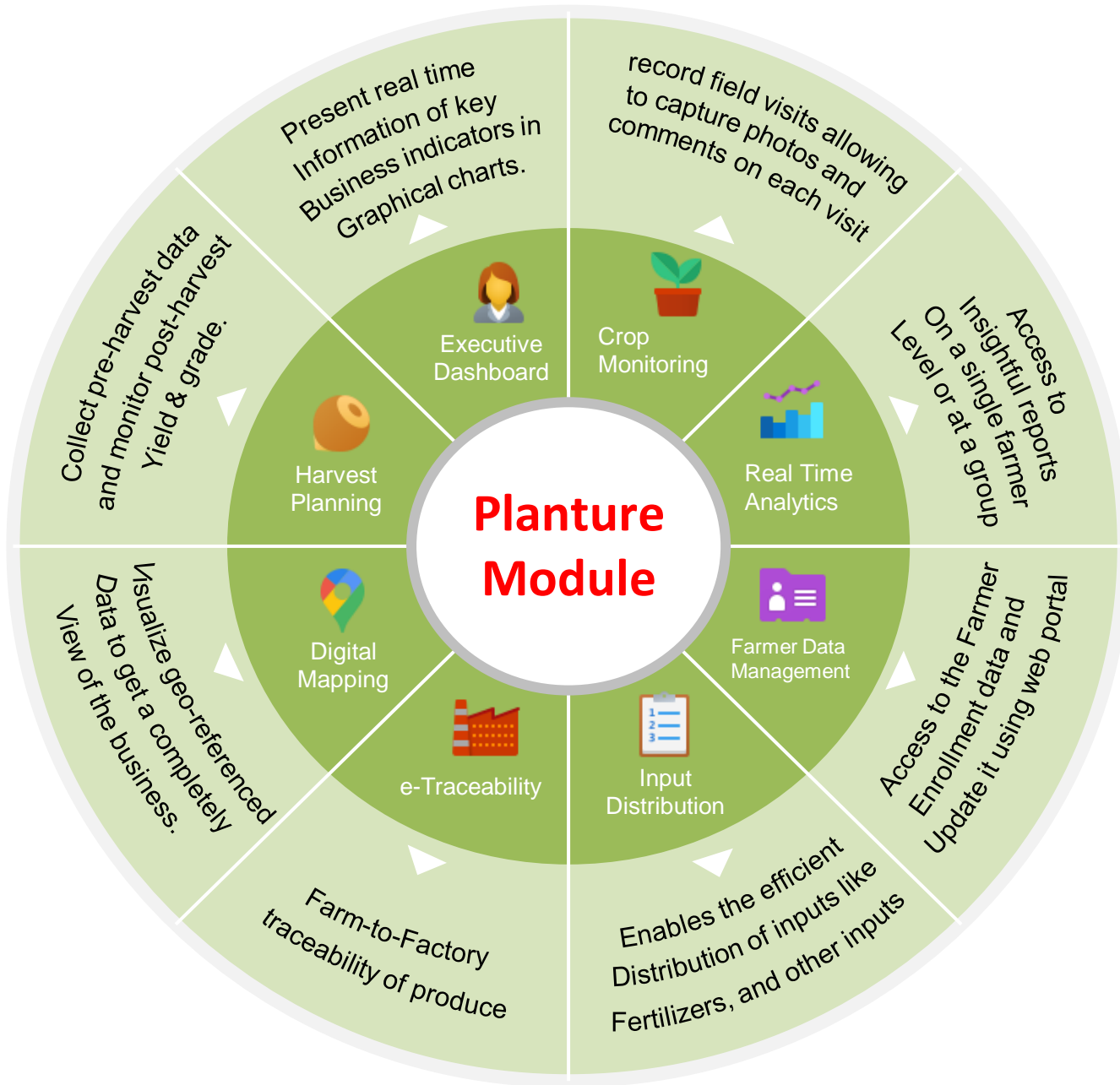
Solution

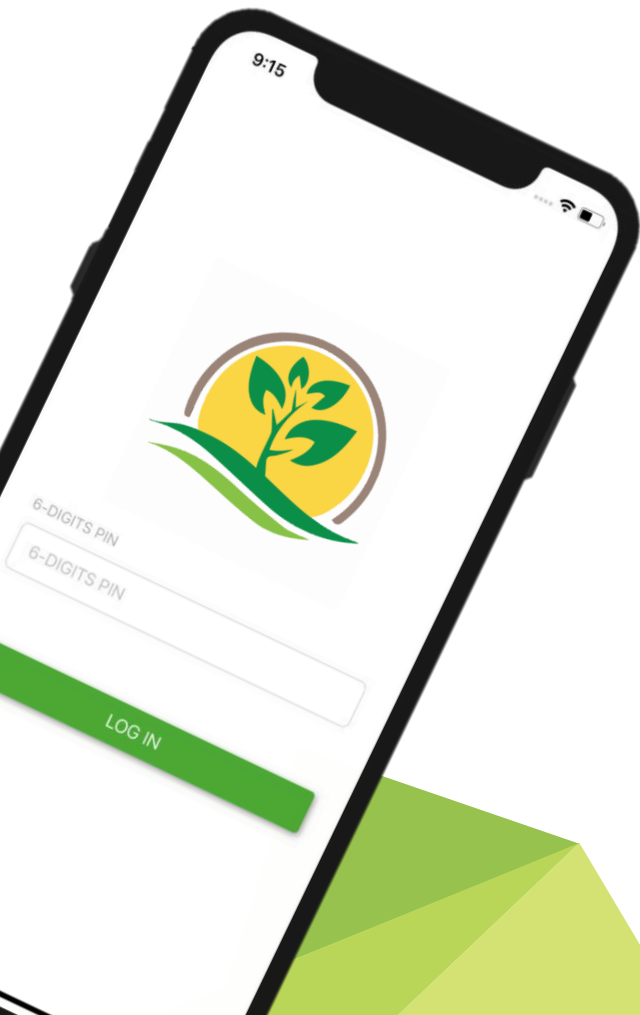
We developed Planture, a smart plantation solution that digitalize the plantation process and allow plantation industry to have better information management to made business decision



Result

Plantations become more efficient by being less dependent on manual recording method and retrieving data are now easily accessible





Planture Mobile App Overview

Digital Moves to Streamline Plantation Process

Our digital plantation app, Planture is designed to allow planters have a streamline work process at their plantations. By digitalizing plantation processes, we believe that the traceability and the monitoring of field operations can drastically improved the issues of missing crops and crop loss – causing plantations to see potential yield increases.

Features & Highlights

Harvest Monitoring

Recording of crop production with QR Code & GPS location tagging improves traceability and enhance crop monitoring quality.



In-field Data Collection

Tracks harvesting operations through the use of smart devices. Know where, when, and who harvested every single fruit bunch. Generate yield maps and reports of your plantations' performance.

Offline Module

Supports offline mode : perfect for plantations with little network access.

Data is automatically synced with Planture when network connection is available.



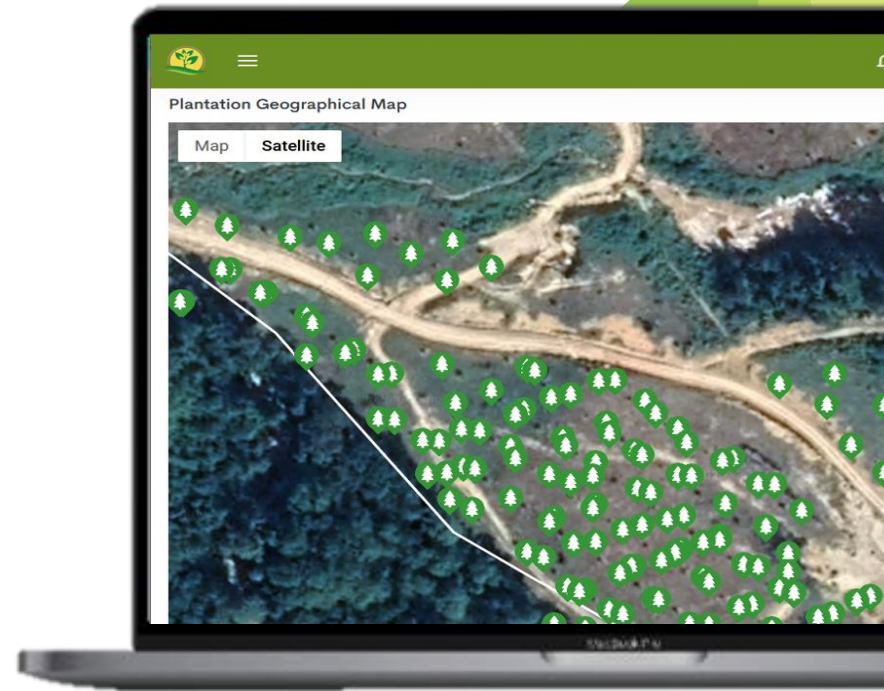
Geo-Precision Solution

Harness the power of geography to optimize the plantation management and operation.

Planture Web Portal Overview

Keep Plantation Management Lean & Effective

Planture Web Portal consists of various modules that covers all the business functions of Plantation industry. Planture Web Portal offers seamless integration, high performance and reliability that forward thinking companies rely on to increase profitability and gain competitive advantage. It provides a technology driven plantation operation to its clients.



Features & Highlights

Central Application Database

The central database server records and structure all data from your site. Enable centralization of key business information about your plantation.

Digital Mapping

Provide accurate report of your entire estate through latest satellite. Everything from estate monitoring to surveillance.



Data-Driven Analytics

Get early warning of disease through Our analytics. Those valuable insights unlock new ways of running field operations and help optimize inputs such as irrigation and fertilizer.

Workforce Management

Deliver a more detailed view of labor management to help with the sophisticated decision making required for activity-based management.

The Aims



Sustainable Plantation Development

Our data-driven intelligence can help farmers and agricultural stakeholders utilize the right amount of irrigation or fertilizer and, in the long run, grow crops without depleting the soil.



Improve Crop Yield

Crops log reporting help to prevent excessive fertilizers and irrigation, which is essential to crop survival and maximizing your crop's yield potential.

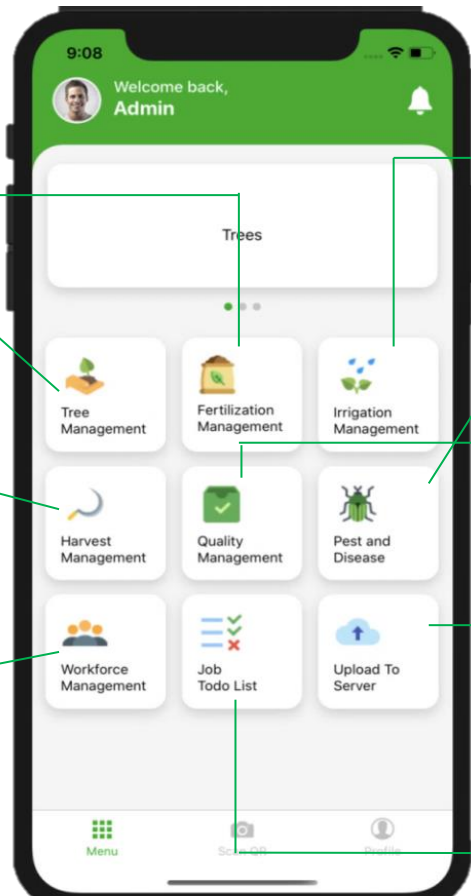


Efficient and Remote Operation

Enable to remotely monitor plantation sites rain or shine through smart devices. Efficient workers deployment to the plantation and accuracy sensing of the crops' readiness.

Product Screenshots

Mobile App Dashboard



The screenshot shows a mobile app dashboard for an administrator. At the top, there is a green header with the time 9:08, a welcome message 'Welcome back, Admin', and a notification bell. Below the header is a 'Trees' section with a white card. The main area contains a 3x3 grid of management icons: Tree Management, Fertilization Management, Irrigation Management, Harvest Management, Quality Management, and Pest and Disease. Below this grid are three more icons: Workforce Management, Job Todo List, and Upload To Server. At the bottom, there is a navigation bar with 'Menu', 'Scan QR', and 'Profile' icons. Ten callout boxes with green lines point to various parts of the dashboard, each describing a specific function.

Manage & view fertilization records

Manage & view crops record such as tree ID, location, pictures, planted date, etc.

Manage & view harvest records such as quantity and date.

Manage & view workforce such as worker list, attendances, etc.

Manage & view irrigation records

Manage & view the pest and disease records

Manage & view your crop yields records

Upload the data records into cloud-based server

Manage the QC Inspection records

Product Screenshots

Action Buttons for Crops

Create Quality Record

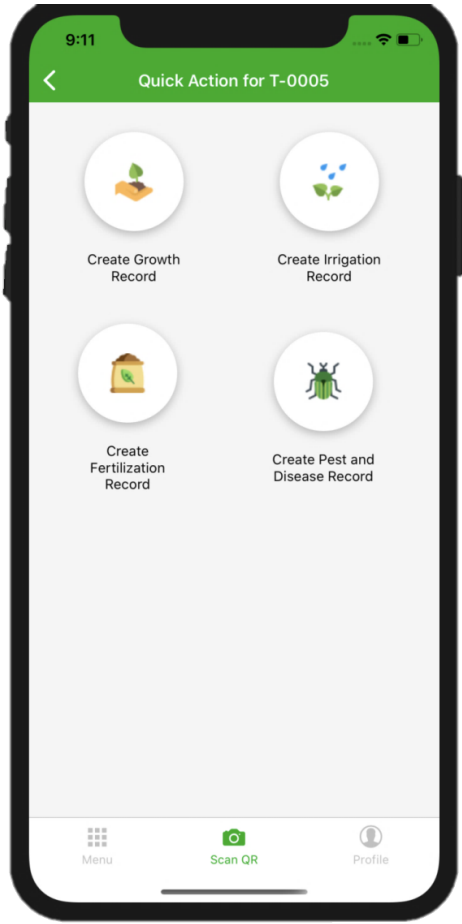
TREE ID

QUALITY

GRADE

WEIGHT
 kg

SAVE



Create Irrigation Record

TREE ID

liter

SAVE

Create Fertilization Record

TREE ID

kg

SAVE

Create Pest Record

TREE ID

PEST / DISEASE

TREATMENT APPLIED

RESULT

STATUS

SAVE

Quality Check Inspection



Web Report

Search by

Date From: Date To:

Block:

Inspector Name:

Remark:

Group By:

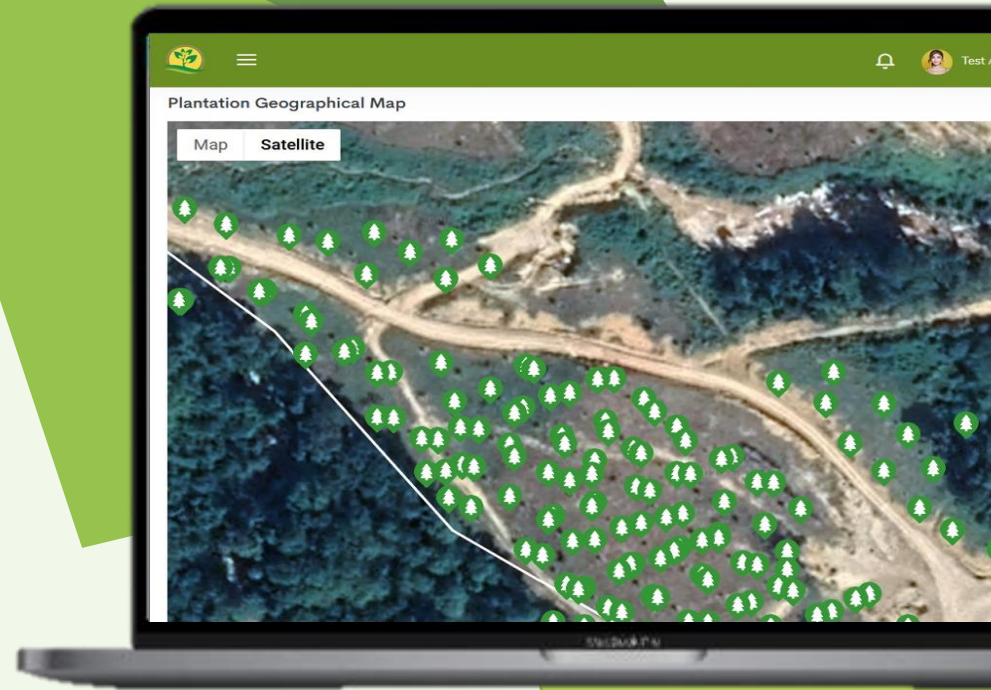
[View Result](#) [Export Excel](#)

Checklist										
Block	Inspected Trees	Kadaan Pokok (Tak Sihat)	Kelembapan Tanah (kering / Air bertakung)	Daun Kuning	Daun Gugur	Pucuk Kering	Serangga	Kadaan Bulatan (Semak)	Masalah Critical	Picture
1A	100	1	1	1	1	1	1	1	1	4
1B	100	1	1	1	1	1	1	1	1	5
Total	200	2	2	2	2	2	2	2	2	9

Allow edit/delete record

Innovation of Plantation

For Video Demo, Please click: [here](#)



Thank You!

Do you have any questions?

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